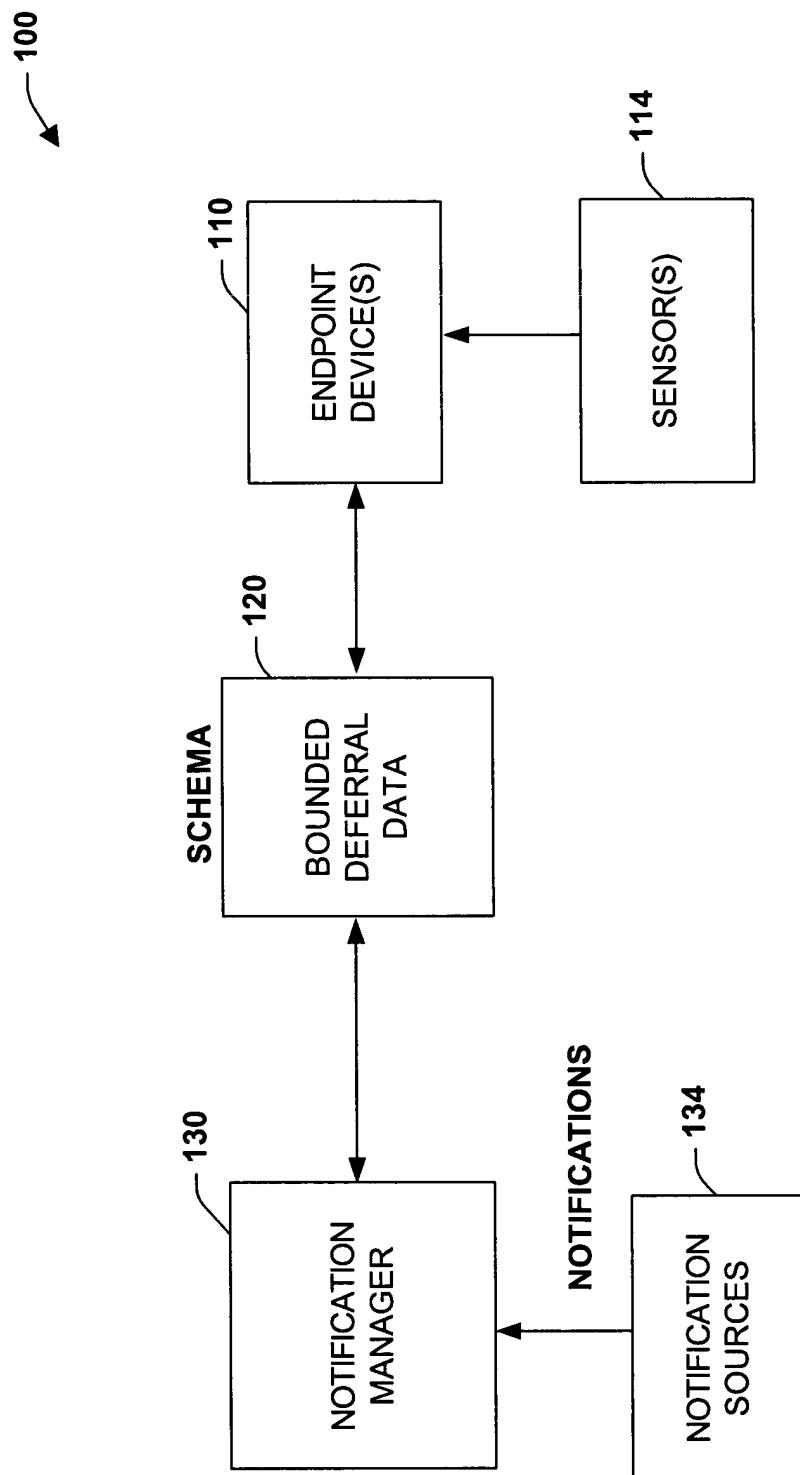


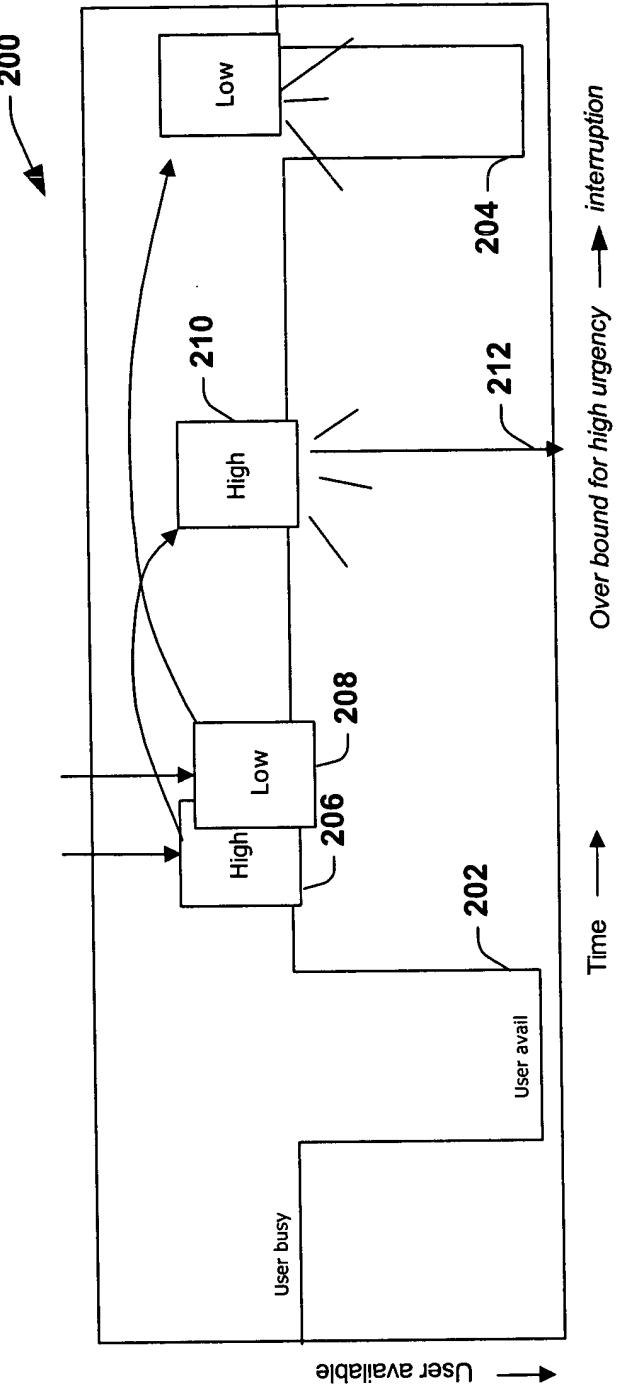
**FIG. 1**



- BOUNDED-DEFERRAL POLICY
- WAIT FOR A "USER AVAILABLE STATE" UNLESS HIT TIME BOUND, THEN DISRUPT
- LIST OF BUSY / AVAILABLE STATES PER CONTEXT

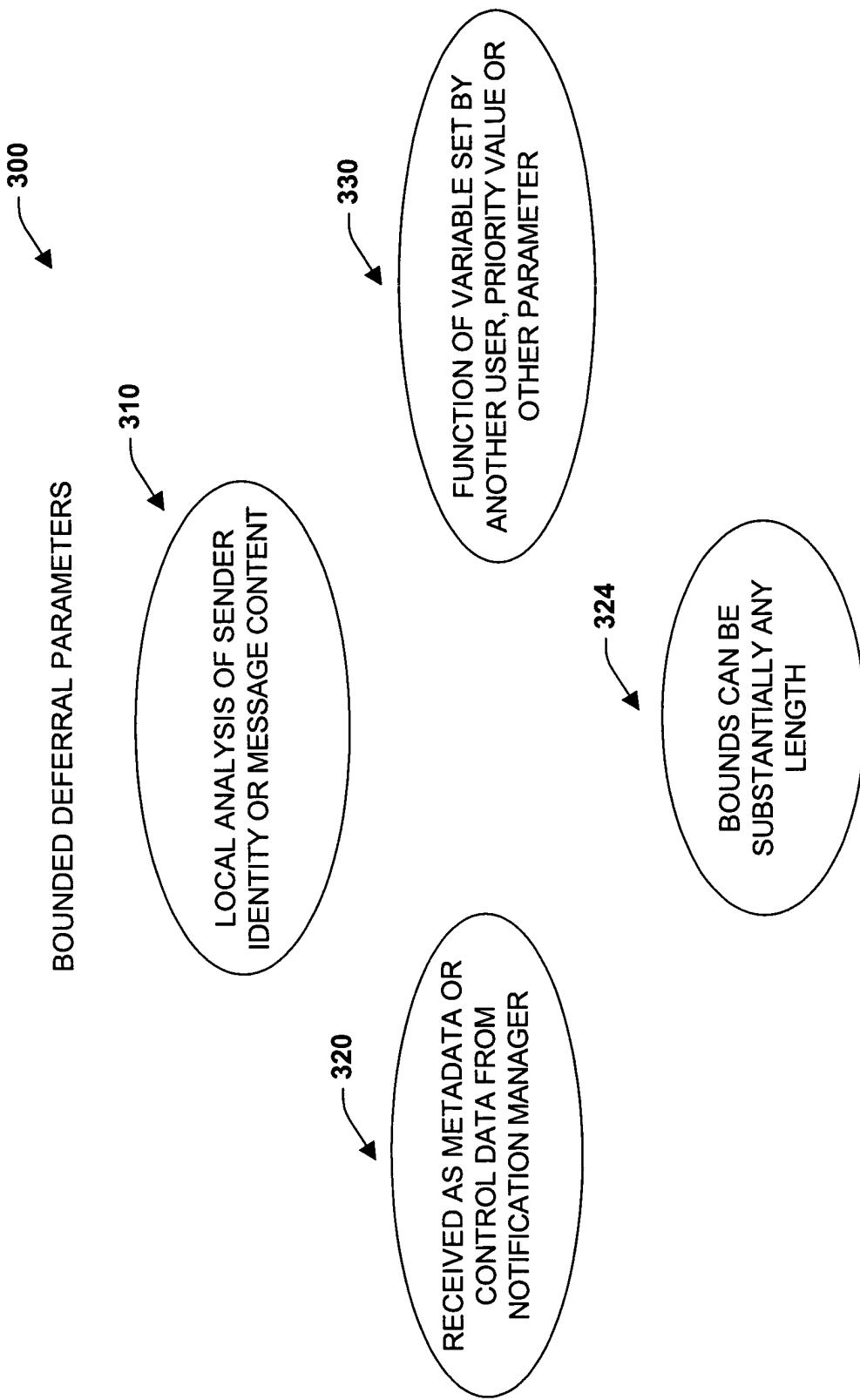
- URGENCY-SENSITIVE TIME BOUNDS  
 $T(HIGH) = T1 < T(MED) = T2 < T(LOW) = T3$

- BOUNDS CAN DEPEND ON CONTEXT (E.G., WORKLOAD), NUMBER OF MESSAGES RECEIVED, ETC.

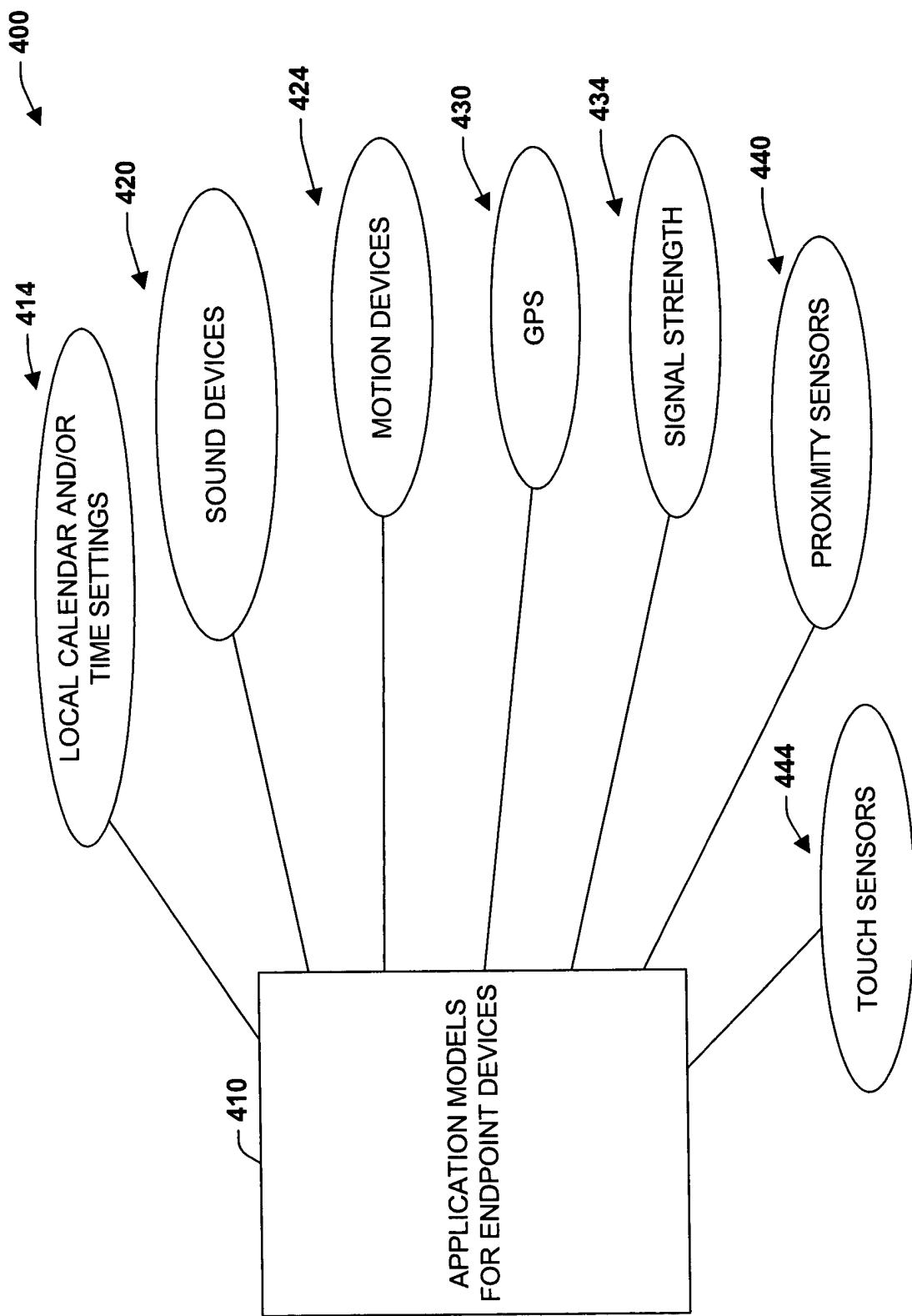


**FIG. 2**

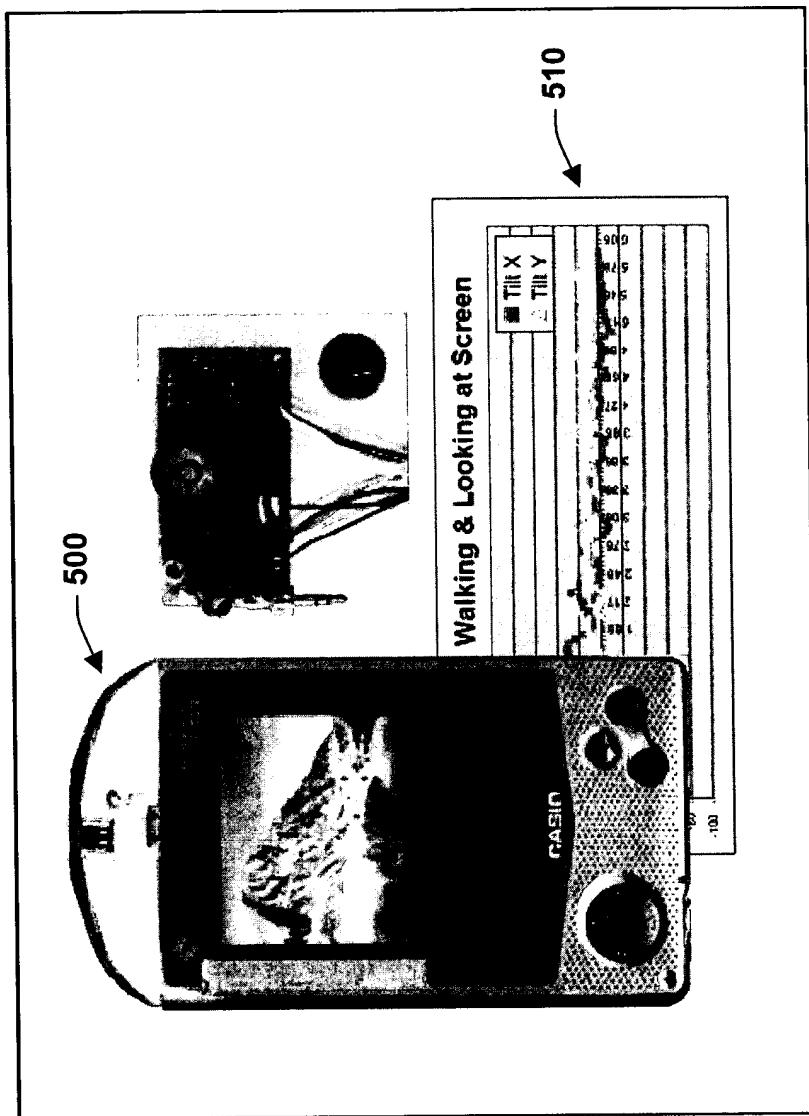
**FIG. 3**

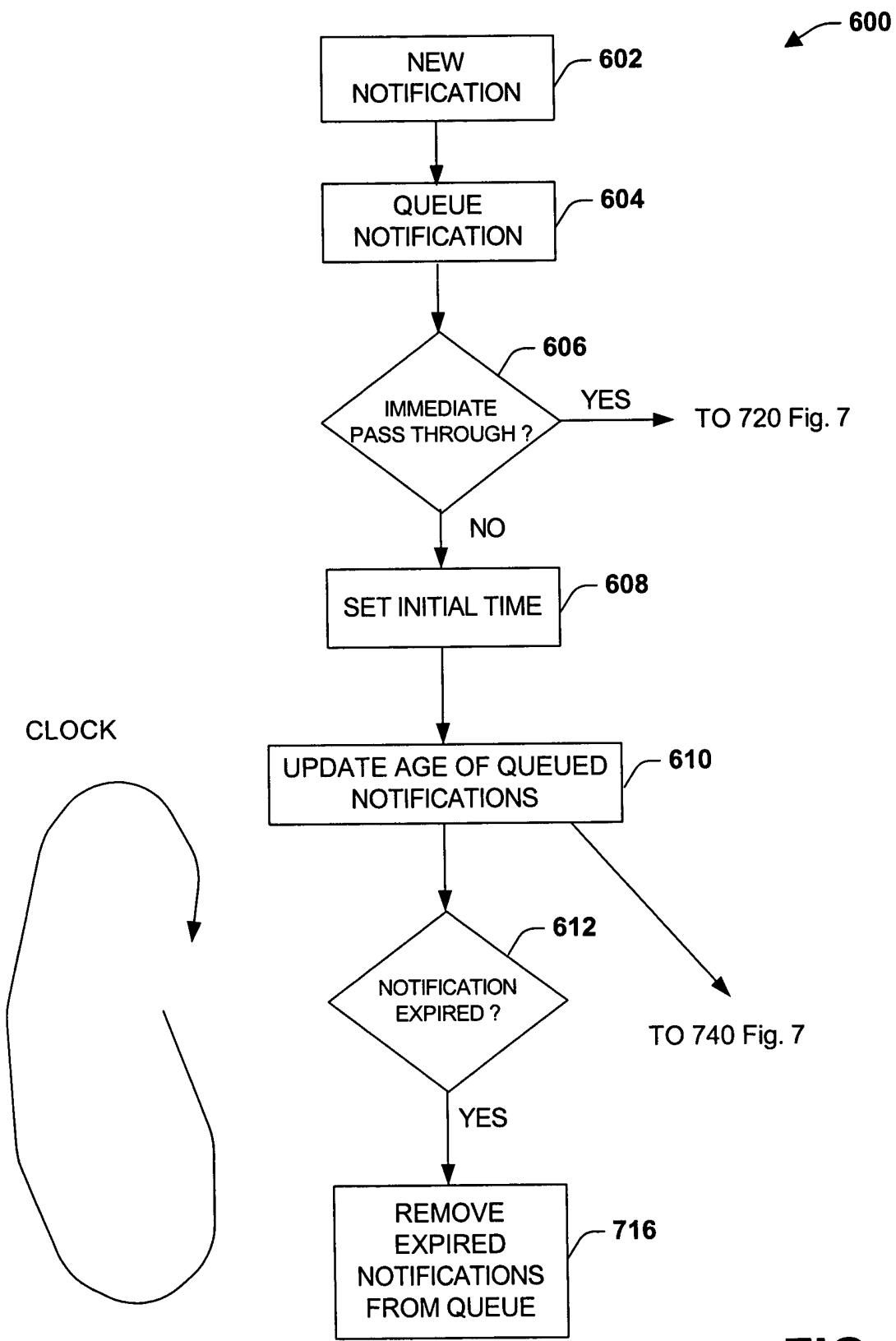


**FIG. 4**

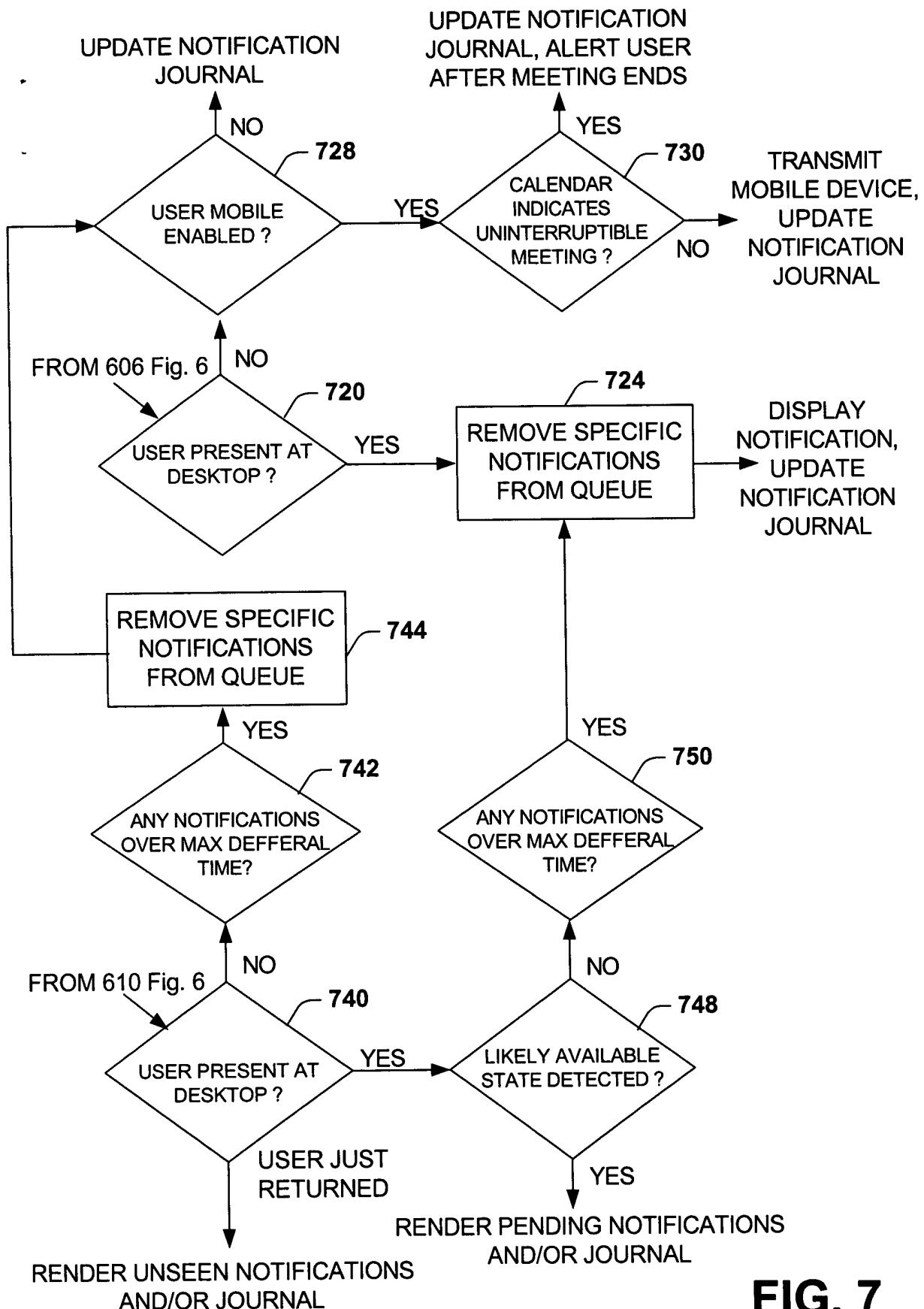


**FIG. 5**



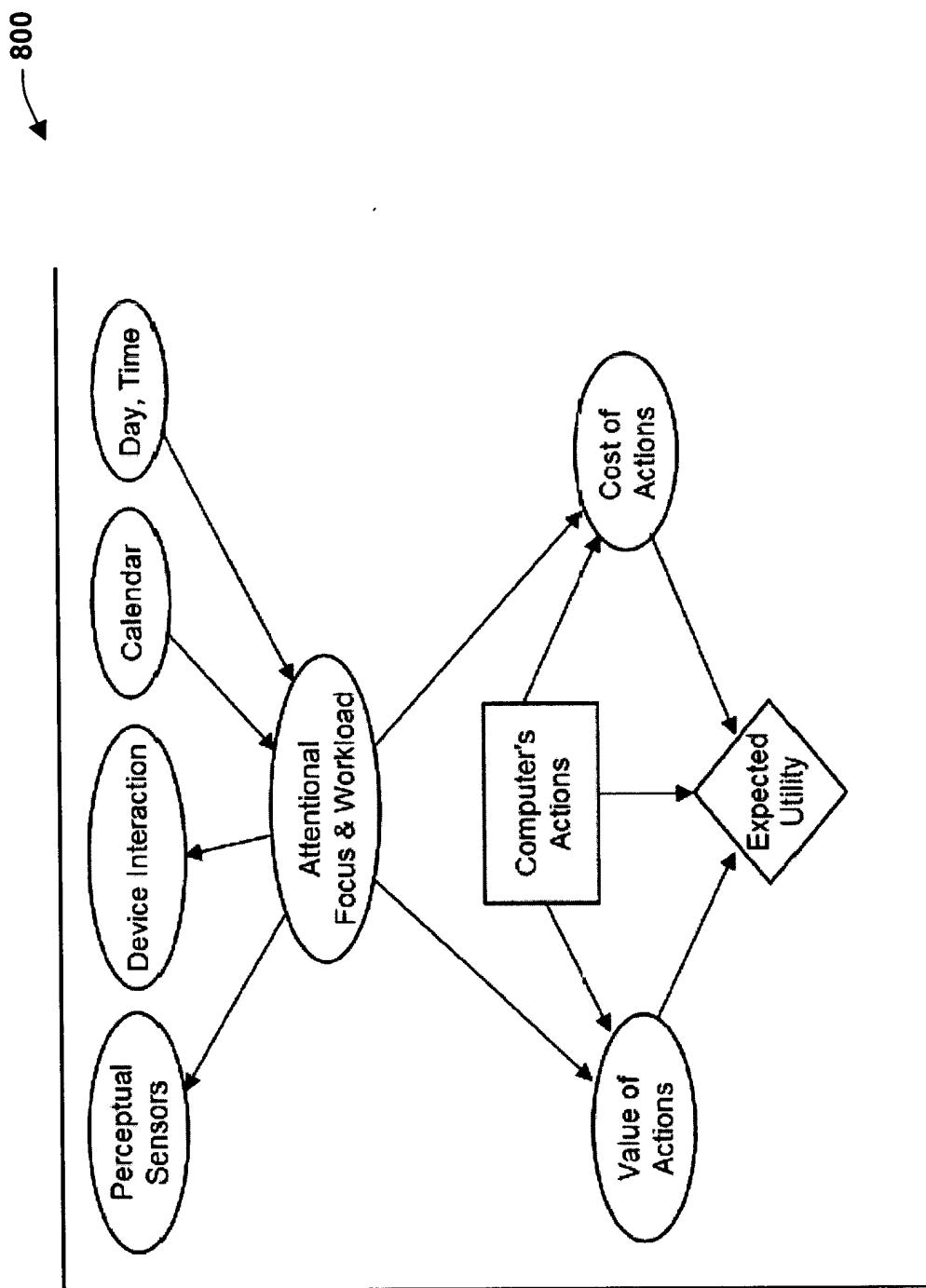


**FIG. 6**

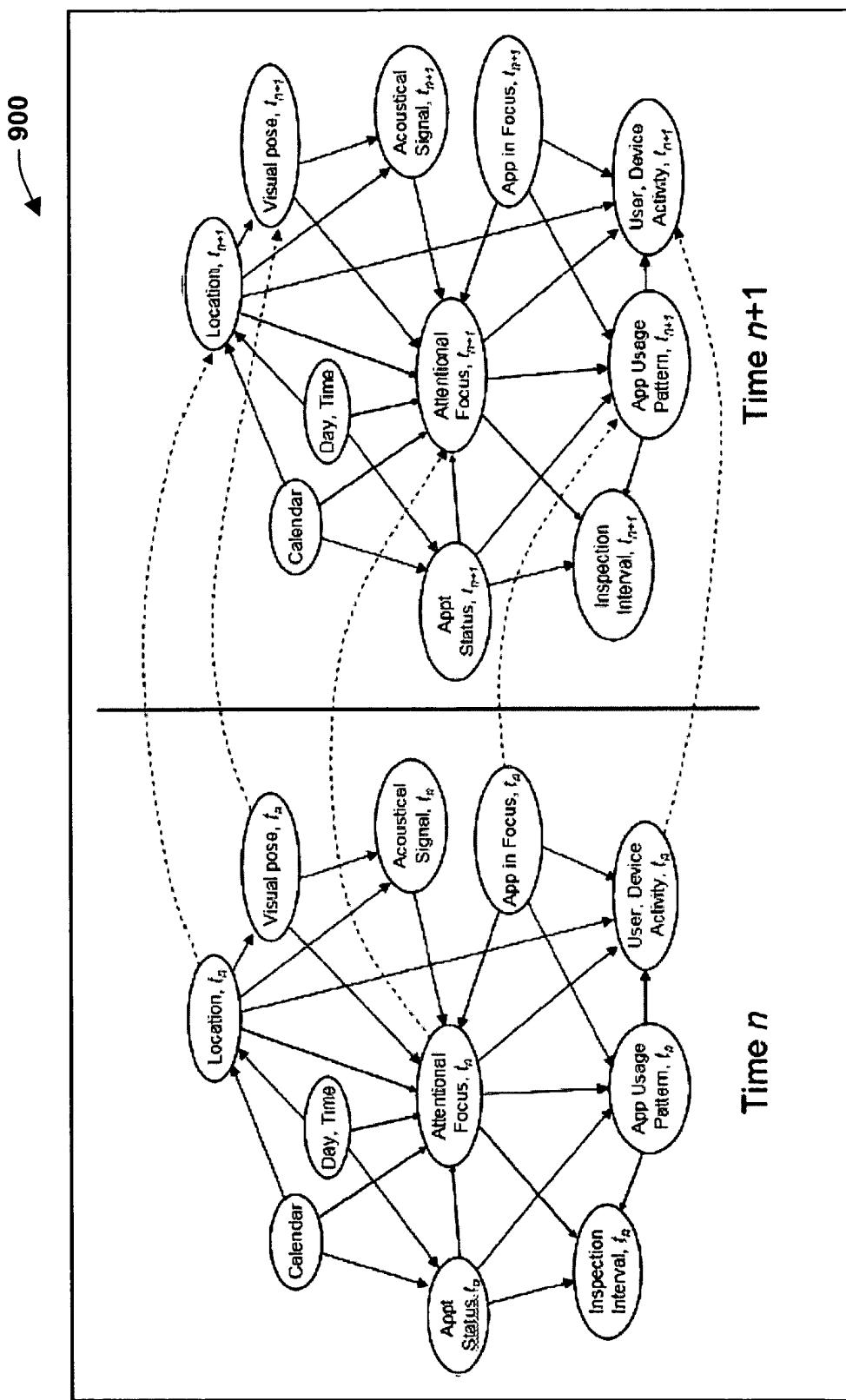


**FIG. 7**

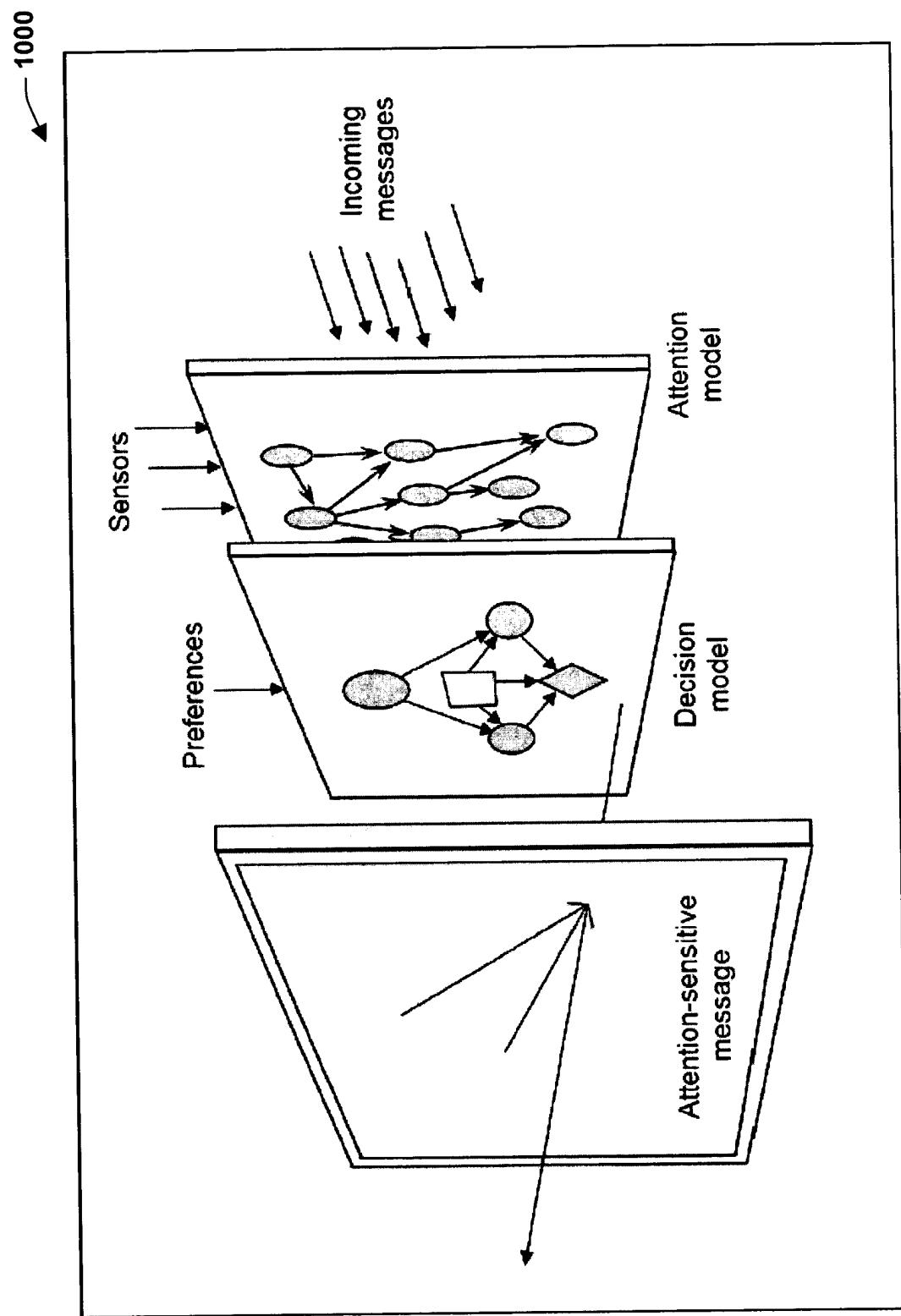
**FIG. 8**



**FIG. 9**



**FIG. 10**



1100

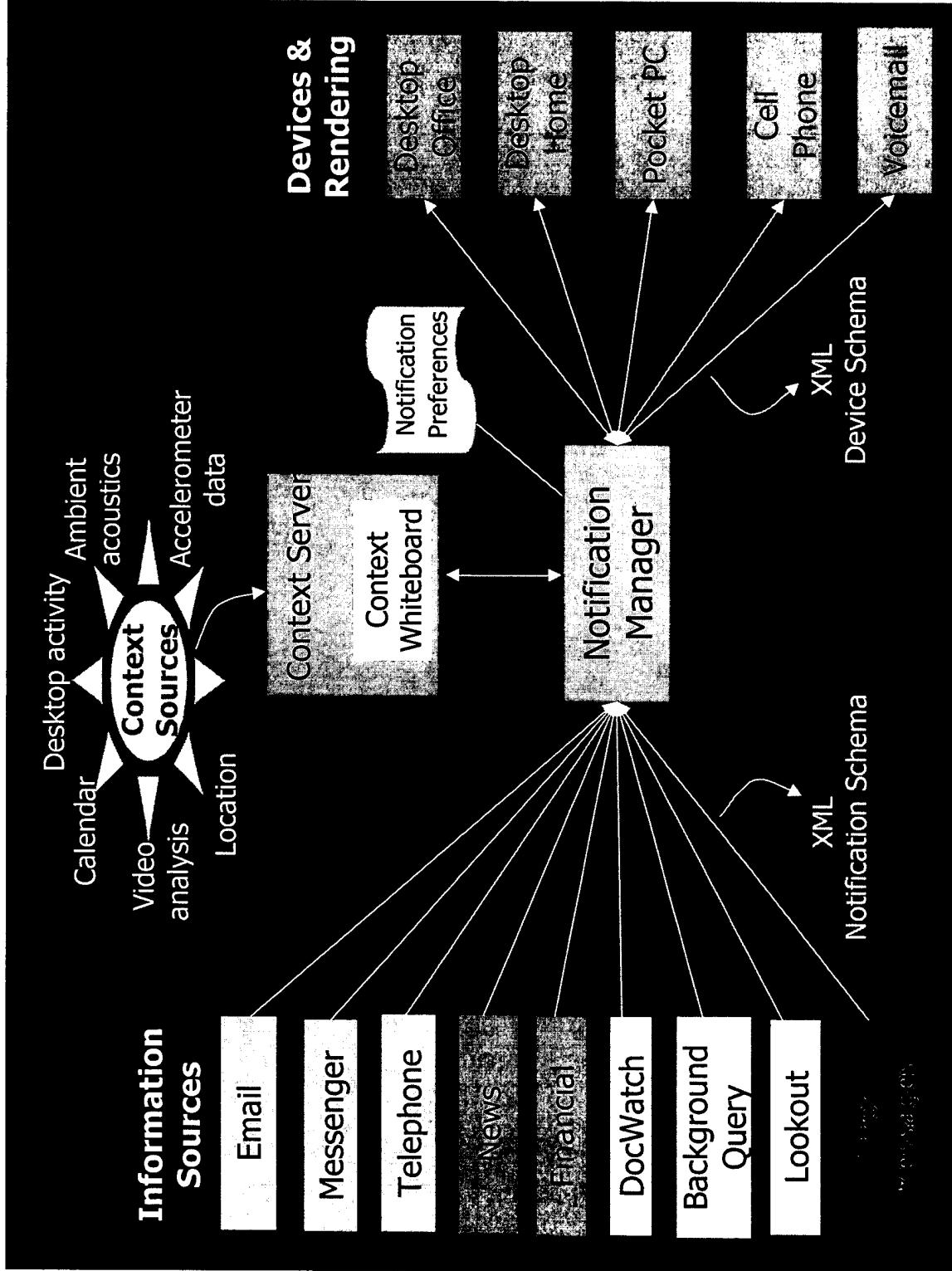
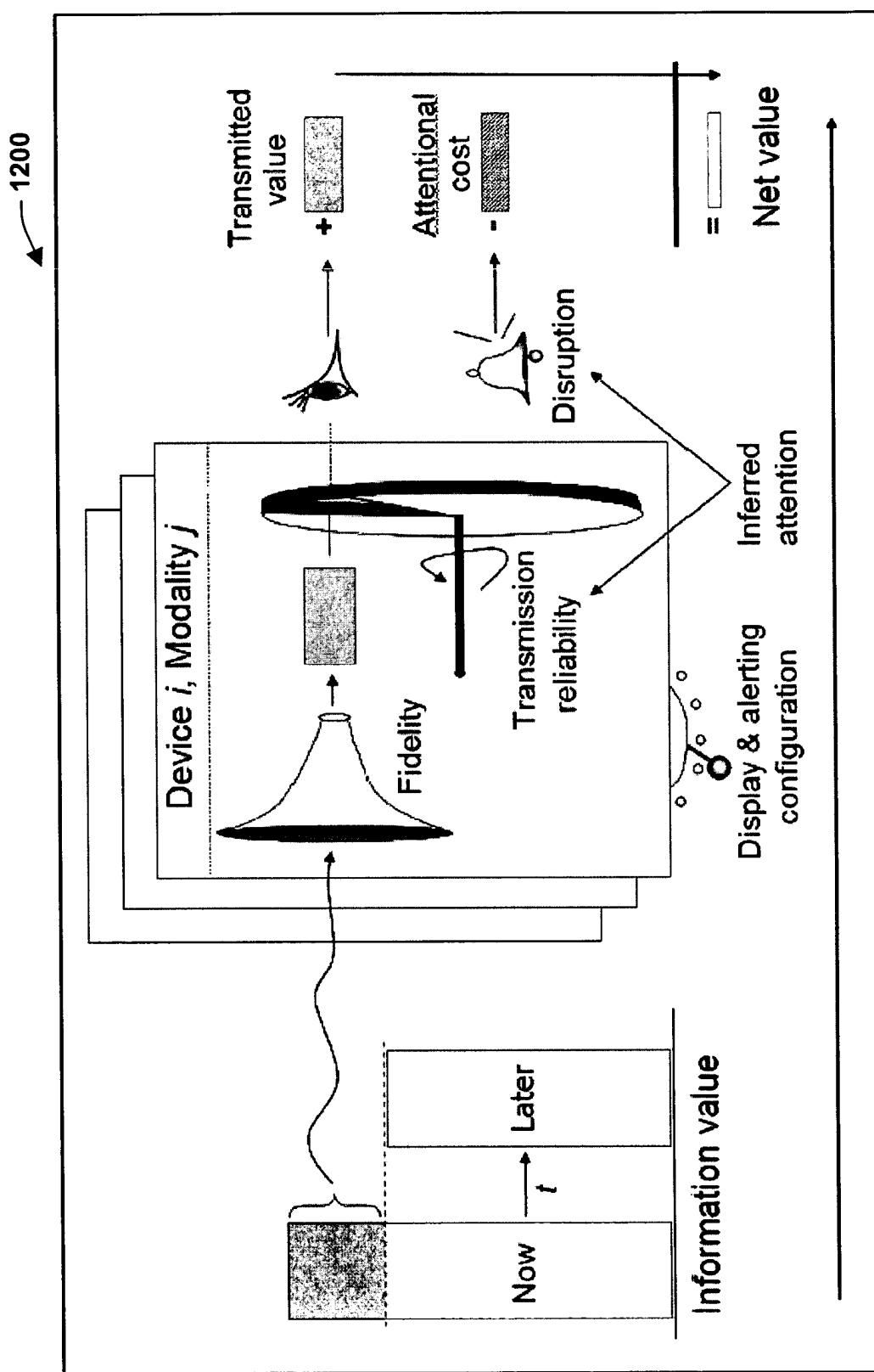
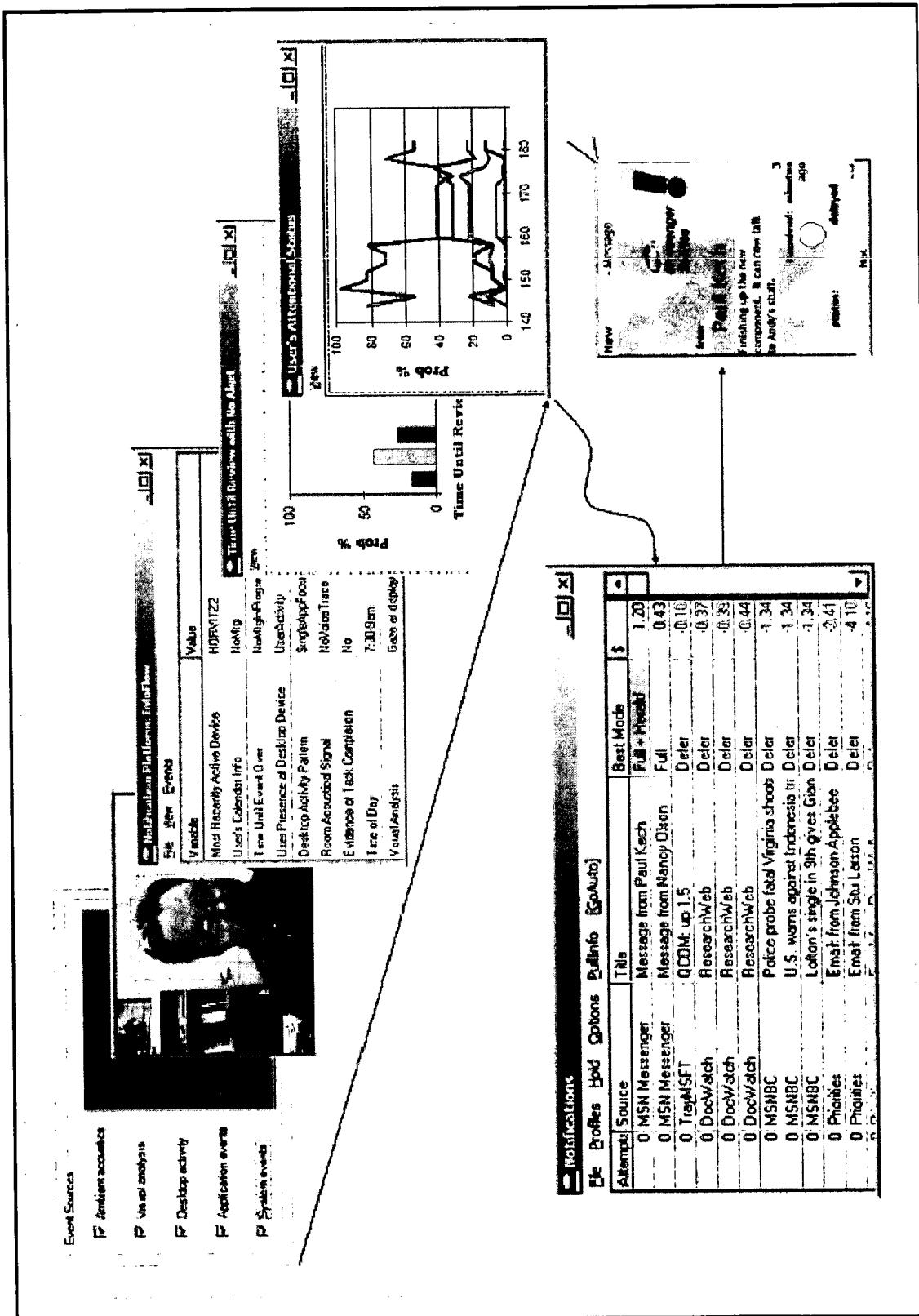


FIG. 11

**FIG. 12**

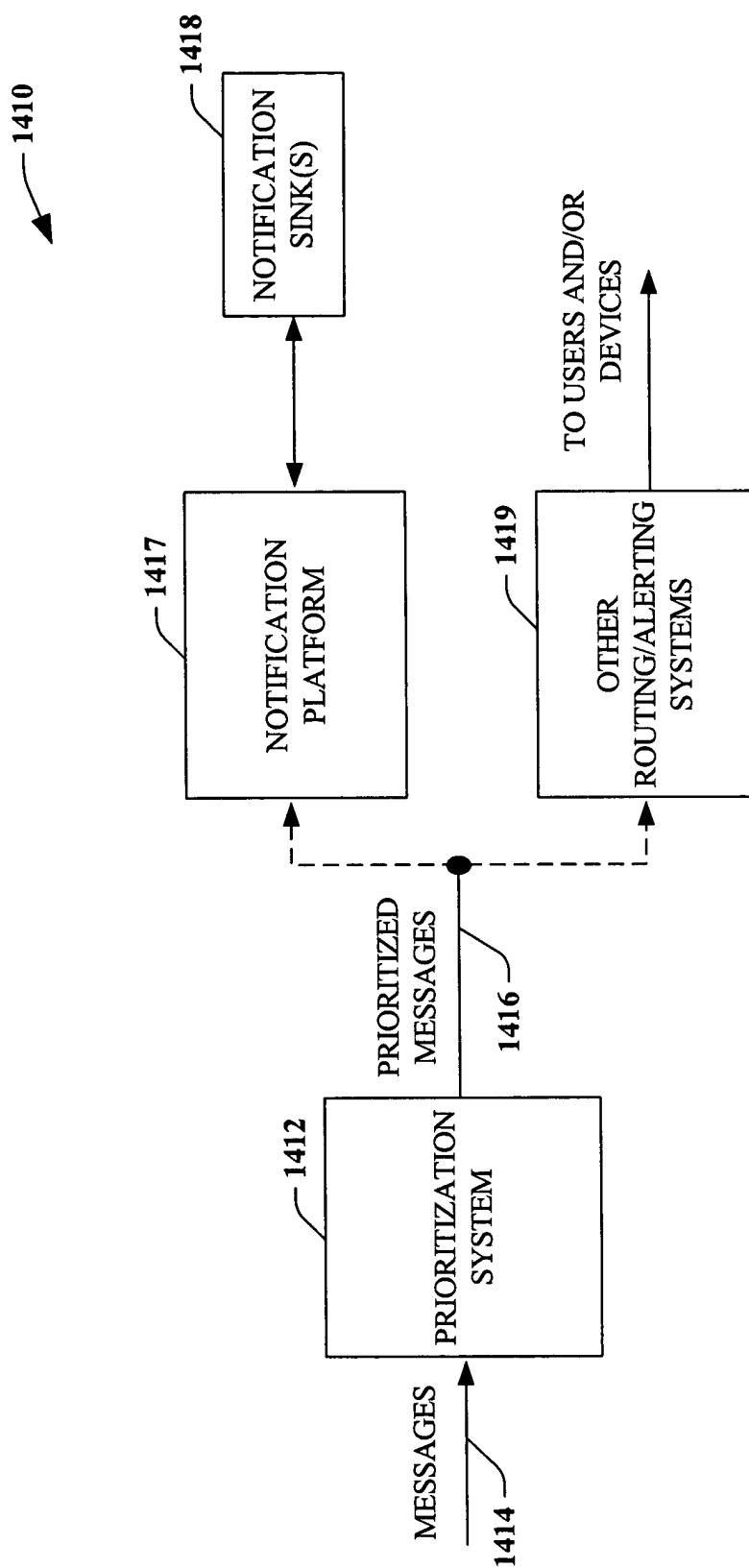


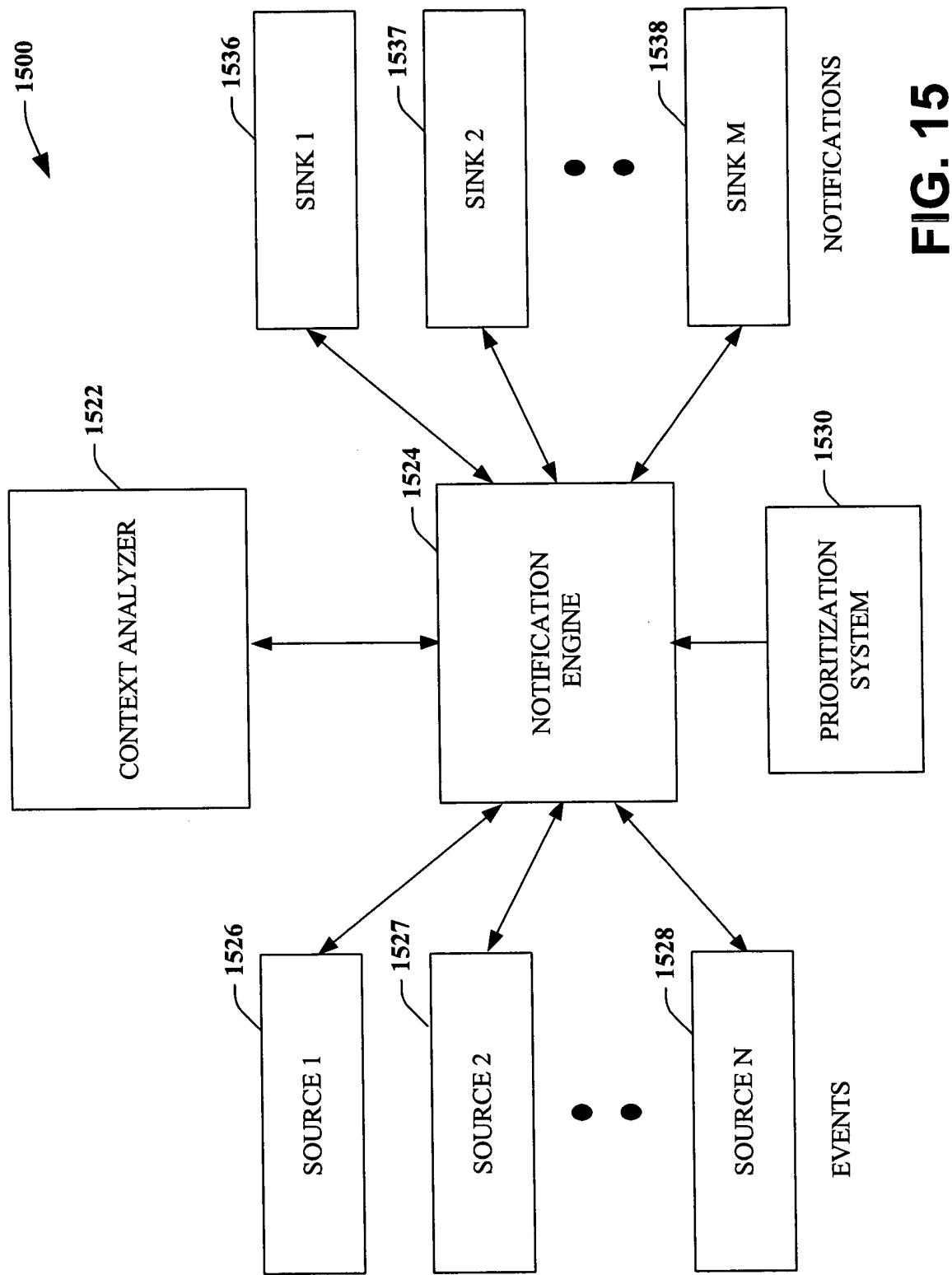
1300



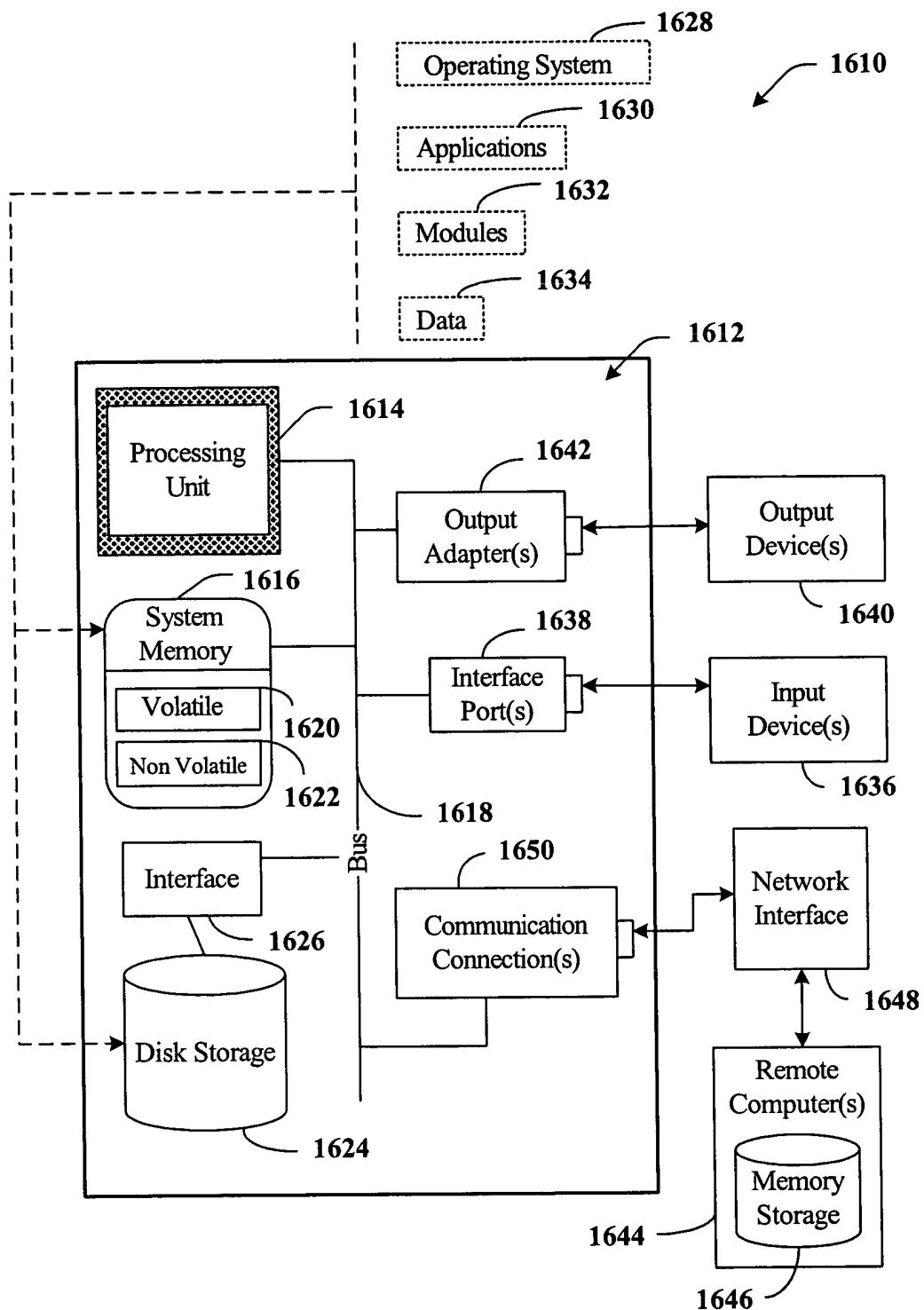
**FIG. 13**

**FIG. 14**

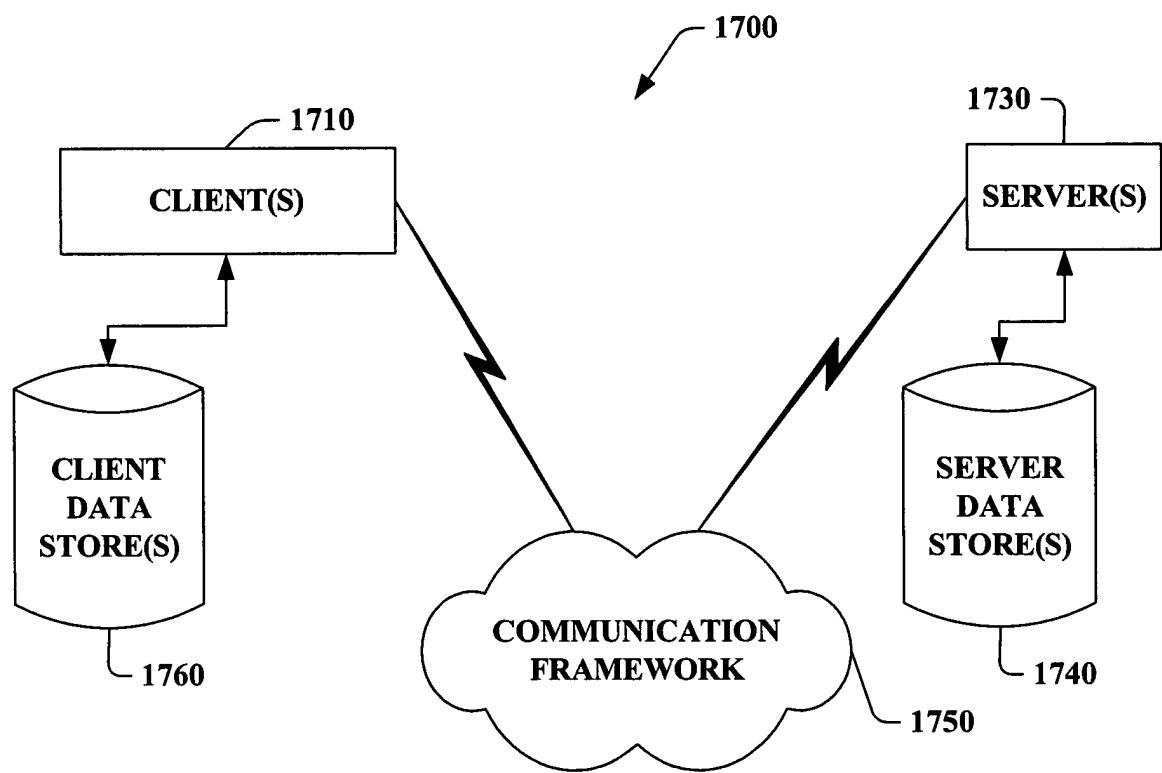




**FIG. 15**



**FIG. 16**



**FIG. 17**